

“Soldiers On Point for the Nation”



2000 TACTICAL WHEELED VEHICLES CONFERENCE - “TRUCKS 2K” ODCSOPS PERSPECTIVE



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ODCSOPS

“The Army--Persuasive in Peace, Invincible in War”

TOPICS



- **ARMY VISION**
- **FUNDING**
- **NEW SYSTEMS**
- **REQUIREMENTS**
- **NEW BRIGADE**
- **SUMMARY**



ARMY VISION

- **RESPONSIVE**
- **DEPLOYABLE**
 - **1 BRIGADE IN 96 HOURS.**
 - **1 DIVISION IN 120 HOURS.**
 - **5 DIVISIONS IN 30 DAYS.**
- **AGILE**
- **VERSATILE**
- **LETHAL**
- **SURVIVABLE**
- **SUSTAINABLE**

“Soldiers on point for the Nation transforming this, the most respected Army in the world, into a strategically responsive force that is dominant across the full spectrum of operations.”

***GEN ERIC K, SHINSEKI,
CSA***

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TRANSFORMATION BRIGADE

Transformation Objective:

“... a force that is strategically responsive and dominant at every point on the spectrum of operations.”



Force Characteristics:



- A combat capable brigade anywhere in the world 96 hrs after liftoff
- No limitations on strategic or tactical deployability: C-130-like
- Armored vehicles at 50-70% less tonnage
- Reduced logistical demands / footprint
- Long range acquisition and targeting
- First round kills at smaller caliber's
- As technology permits, erase distinction between light & heavy
- Reach-back capability for communications and intelligence



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FUNDING FACTS

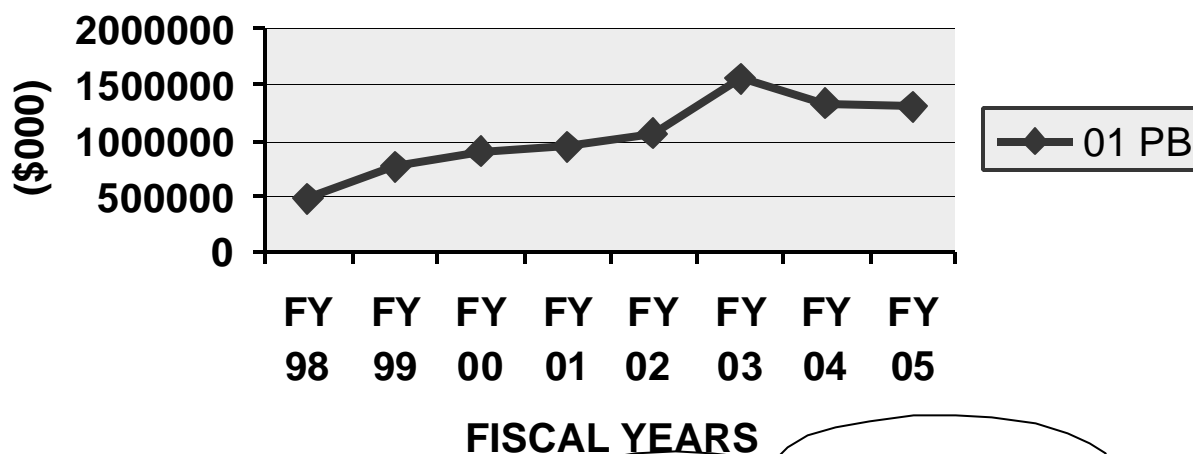
- **DEFENSE BUDGET IS 3 PERCENT OF THE GROSS DOMESTIC PRODUCT.**
- **DEFENSE BUDGET IS 15 PERCENT OF THE FEDERAL BUDGET.**
- **THE ARMY BUDGET IS 24 PERCENT OF THE DEFENSE BUDGET.**
- **RESEARCH DEVELOPMENT AND ACQUISITION (RDA) IS 21 PERCENT OF THE ARMY BUDGET.**
- **TRUCK PROCUREMENT IS 6 PERCENT OF THE RDA BUDGET.**
- **TRUCKS ACCOUNT FOR 11 PERCENT OF CLASS IX COSTS.**

FUNDING PROFILE

\$1.0B AVG PER YEAR 98-05

\$1.2B AVG PER YEAR 01-05

TWV FUNDING



RC FUNDING

\$404M AVG PER YEAR 98-05

\$558M AVG PER YEAR 01-05

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CONGRESSIONAL **SUPPORT**



KEY PLUS UPS:

- **\$6.8M FOR HEMTT-LHS (WRAP)**
- **\$4M FOR HEMTT WRECKERS FOR USAR.**
- **\$5M FOR LIGHT TRAILERS**
- **\$5M SELF LOAD/OFF-LOAD TRAILER.**
- **RDTE FOR NAC AND HMMWV.**

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NEW SYSTEMS

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 8

LINE HAUL TRACTOR M915A3



- **BEGINS FIELDING IN USAREUR LATER THIS YEAR.**
- **AIR CONDITIONED**
- **ANTI LOCK BRAKES**
- **COLLISION WARNING SYSTEM**

LINE HAUL TRACTOR ESP M915A4



- **BEGAN FIELDING TO USAR IN NOVEMBER.**
- **AIR CONDITIONING**
- **ANTI LOCK BRAKES**
- **COLLISION WARNING SYSTEM**
- **KEEPS CURRENT ENGINE.**

HEMTT-LHS



- **CSS ENABLER**
- **WRAP CANDIDATE**
- **C130 CAPABLE**
- **FIELD IN SEPTEMBER**

FORWARD REPAIR SYSTEM



- CURRENTLY ON PLS CHASSIS
- HEMTT-LHS CAPABLE
- REPLACES M113
- REDUCES PERSONNEL AND O&S COSTS.

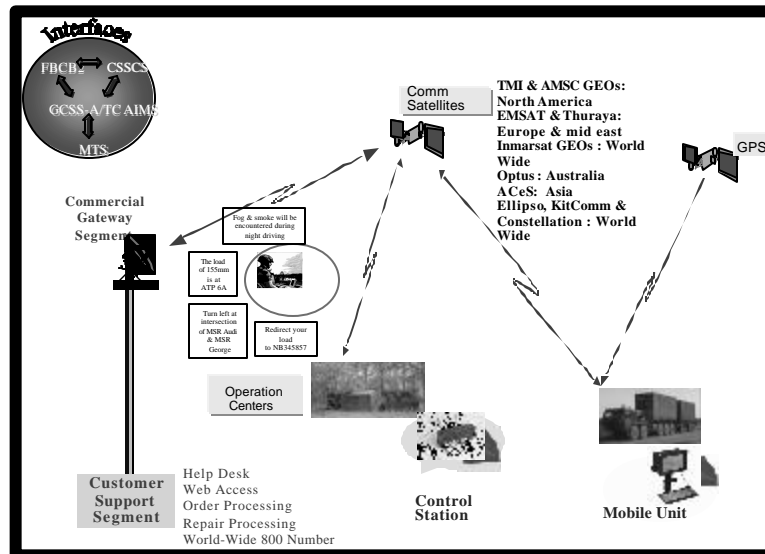
ARMORED SECURITY VEHICLE (ASV)



- 50 CAL AP PROTECTION. 12 POUND MINE.
- BEING PROCURED FOR MP MISSION.
- CREW OF 3.

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MOVEMENT TRACKING SYSTEM (MTS)



- **CSS ENABLER**
- **SUCCESSFUL WRAP CANDIDATE**
- **KEY FOR BATTLEFIELD DISTRIBUTION**

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CONTAINER ROLL-IN/OUT PLATFORM ***(CROP)***



- CSS ENABLER
- MAKES FACTORY TO FOXHOLE A REALITY.

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YARD TRACTOR



- **KEY FOR PORT OPENING PACKAGE.**
- **INCORPORATES LATEST TECHNOLOGY**
- **ALL CURRENT YARD TRACTORS OVER AGE.**

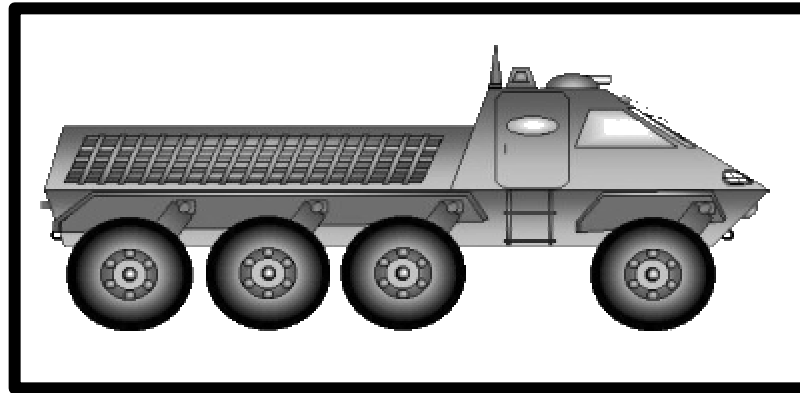
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CREW **PROTECTION**



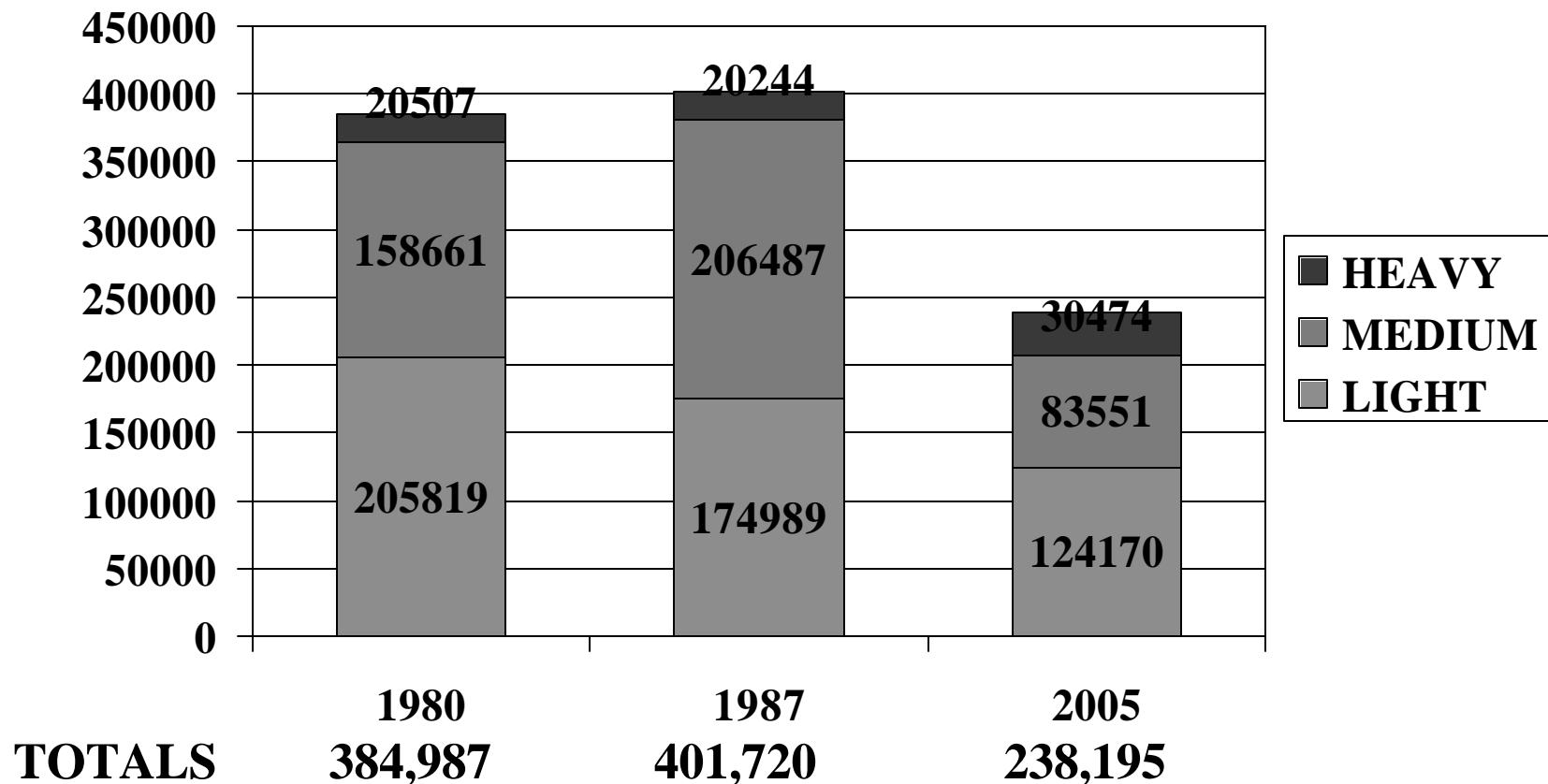
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21ST CENTURY TRUCK

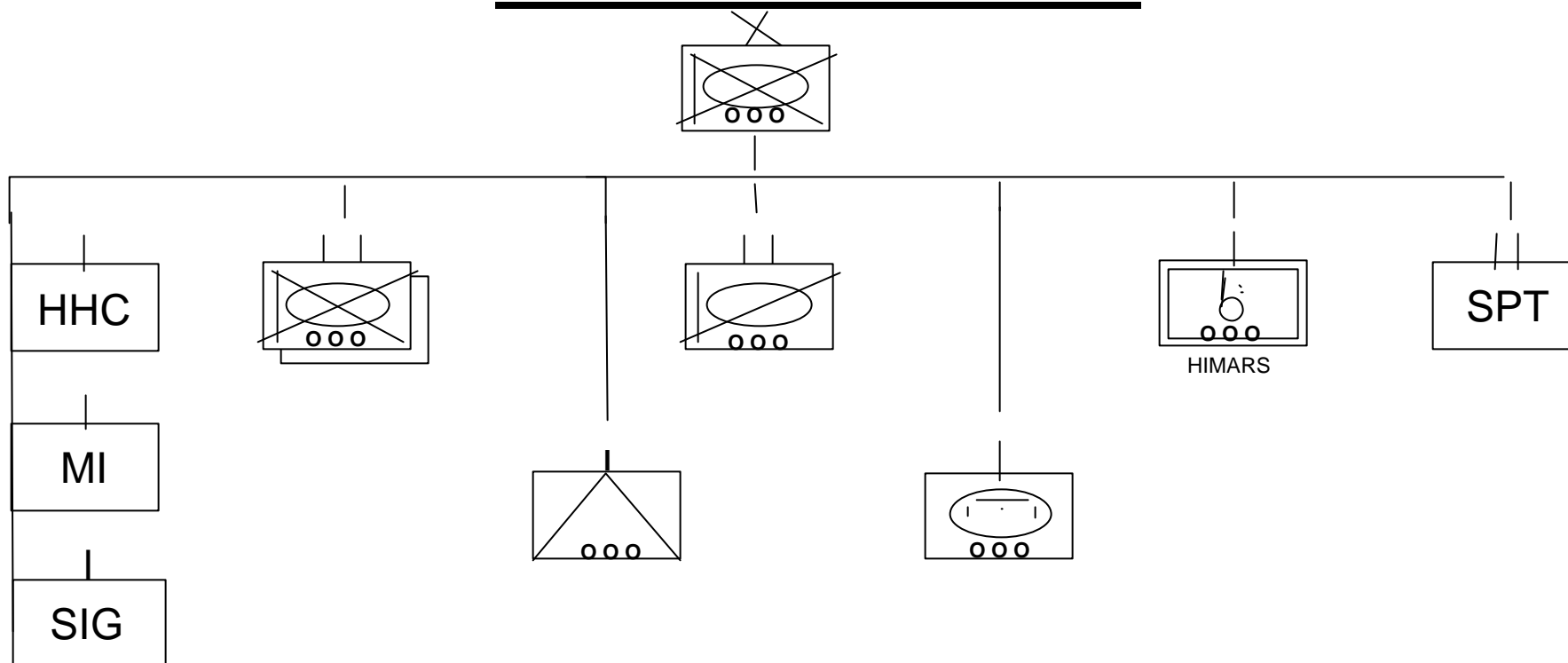


- ✓ ENHANCED MOBILITY
- ✓ STRATEGIC DEPLOYABILITY
- ✓ INTEGRATED SURVIVABILITY
- ✓ SYSTEMS INTEGRATION
- ✓ OPEN SYSTEMS ELECTRONIC ARCHITECTURE
- ✓ LIGHTWEIGHT STRUCTURE/ARMOR
- ✓ ADVANCED CREW STATION
- ✓ ENHANCED WEAPON MOUNTING CAPABILITY

TRUCK REQUIREMENTS OVER TIME



INITIAL BRIGADE

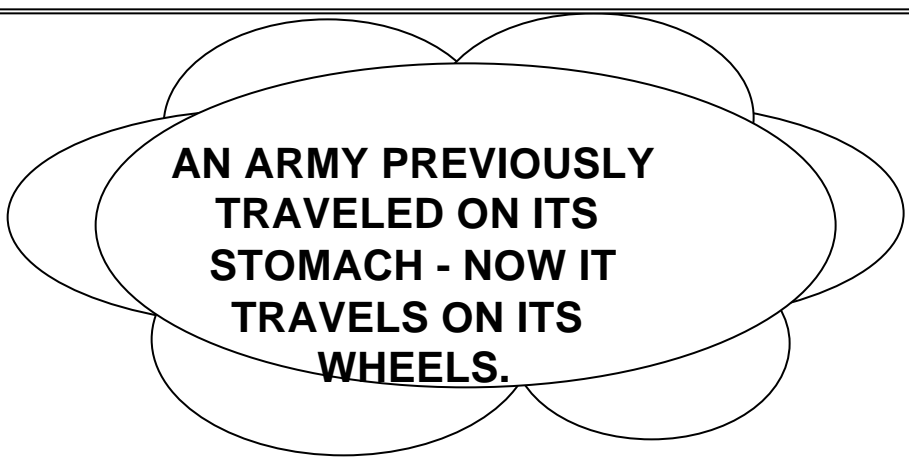


TRUCKS FOR BRIGADE

14 TRK, CGO, HMMWV, HVY, M1097
25 TRK, CGO, HMMWV, M998
4 TRK, AMB, HMMWV, M997A1
7 TRK, CGO, HMMWV, ARMD, M1025A1
12 TRK, CGO; MTV, M1083 W/W
25 TRK, CGO, MTV, M1083
25 TRK, CGO, HEMTT-LHS
2 TRK, WKR, HEMTT, M984A1
20 TRK, FUEL, HEMTT, M978
4 TRK, VAN, LMTV, M1079
7 TRK, VAN, MTV, M1087
33 TRL, HMMWV, 3/4T, M1101
14 TRL, HMMWV, M1102
25 TRL, CGO, MTV, 5T, M1095
17 TRL, HEMTT-LHS, PLS 16.5T
2 TRL, WTR, M107, 400 GAL
9 TRL, CGO, LMTV W/DROPSIDES
56 PLS FLATRACK, 16.5T
8 FORWARD REPAIR SYS (FRS)
3 MTS CONTROL STATION
62 MTS DEVICES

SUMMARY

- **FUNDING FOR TACTICAL WHEELED VEHICLES CONTINUES TO HOLD UP WELL.**
- **ARMY’S VISION IS TO REDUCE THE LOGISTICS FOOTPRINT AND TRUCKS WILL PLAY A KEY ROLE IN THE VISION.**
- **THANKS TO INDUSTRY AND CONGRESS FOR CONTINUED SUPPORT OF PROGRAMS.**



**AN ARMY PREVIOUSLY
TRAVELED ON ITS
STOMACH - NOW IT
TRAVELS ON ITS
WHEELS.**